

In the Specification

Please substitute the following amended paragraph for paragraph 1, lines 1-31, on page 6 of the specification:

The proliferation of patents with implantable drug pumps worldwide has made it desirable to provide remote services to the drug pumps and timely clinical care to the patient. Frequent use of programmer devices to communicate with implantable medical devices and provide various remote services, consistent with ~~co-pending applications~~ co-assigned patents, titled “System and Method for Transferring Information Relating to an Implantable Medical Device to a Remote Location,” ~~filed on July 21, 1999, Ser. No. 09/358,081~~ U.S. Patent No. 6,250,309; “Apparatus and Method for Remote Troubleshooting, Maintenance and Upgrade of Implantable Device Systems,” ~~filed on October 26, 1999, Ser. No. _____~~ U.S. Patent No. 6,442,433; “Tactile Feedback for Indicating Validity of Communication Link with an Implantable Medical Device,” ~~filed October 29, 1999, Ser. No. _____~~ U.S. Patent No. 6,644,321; “Apparatus and Method for Automated Invoicing of Medical Device Systems,” ~~filed October 29, 1999, Ser. No. _____~~ U.S. Patent No. 6,385,593; “Apparatus and Method for Remote Self-Identification of Components in Medical Device Systems,” ~~filed October 29, 1999, Ser. No. _____~~ U.S. Patent No. 6,754,538; “Apparatus and Method to Automate Remote Software Updates of Medical Device Systems,” ~~filed October 29, 1999, Ser. No. _____~~ U.S. Patent No. 6,363,282; “Method and Apparatus to Secure Data Transfer From Medical Device Systems,” ~~filed November 2, 1999, Ser. No. _____~~ U.S. Patent No. 7,039,810; “Implantable Medical Device Programming Apparatus Having An Auxiliary Component Storage Compartment,” ~~filed November 4, 1999, Ser. No. _____~~ U.S. Patent No. 6,411,851; “Remote Delivery Of Software-Based Training For Implantable Medical Device Systems,” ~~filed November 11, 1999, Ser. No. _____~~ U.S. Patent No. 6,386,882; “Apparatus and Method for Remote Therapy and Diagnosis in Medical Devices Via Interface Systems,” ~~filed December 14, 1999, Ser. No. _____~~ U.S. Patent No. 6,418,346; “Virtual Remote Monitor, Alert, Diagnostics and Programming For Implantable Medical Device Systems” ~~filed December 17, 1999, Ser. No. _____~~ U.S. Patent No. 6,497,655; “Implantable Therapeutic Substance Infusion Device with Active Longevity Projection” ~~filed March 16, 2001, Ser. No. _____~~ U.S. Patent No. 7,001,359; “Implantable Therapeutic Substance Infusion Device Configuration

System,” ~~Attorney Docket No. P-9999, filed on a date even herewith, Ser. No. _____~~
U.S. Patent No. 7,072,725; all of which are hereby incorporated by reference herein in their entirety, has become an important aspect of patient care. Thus, in light of the disclosures herein, the present invention provides a vital system and method of dispensing/delivering efficient therapy and clinical care to the patient.

Please substitute the following amended paragraphs at page 7, line 15 to page 8, line 2, of the specification:

The suites will preferably include an Internet GUI Application Portal that will display the primary available applications provided to users by the system. Preferably, the GUI will be a user-configurable template. A first application in the suite is termed a “Specialty Pharmacy” application, which provides a communication between a physician and a pharmacy. This communication allows a physician to place orders or refills of a therapeutic agent on behalf of a patient with the pharmacy. The physician can also then change the prescription order ~~[[in]]~~ if necessary. The application provides the physician with refill and prescription order reminders for the implantable drug pump. An automated dosage calculator is utilized in the application to provide predictive scenarios of contemplated treatment regimens for a patient. This dosage calculator can also insure that two or more non-compatible prescriptions are not prescribed at the same time and can issue a warning to the physician if a lethal dosage is prescribed.

A second application of the suite, according to the present invention, is called a “Device Registration System” (“DRS”) lookup and update. This application provides for the management of implanted therapeutic substance infusion devices. It allows the user to register ~~[[a]]~~ an implantable therapeutic substance infusion device with the ~~[[devices]]~~ device’s manufacturer as well as provide feedback to the manufacturer regarding the operation of the implanted therapeutic substance device of the lifetime of the device. A user can access reports that detail a therapeutic substance infusion device’s capabilities and interconnectivities with other devices.

Please substitute the following amended paragraphs at page 27, line 29 to page 28, line 11, of the specification:

Another advantage to connectivity system 9 is that drug pump manufacturer 18 can receive instantaneous positive and negative feedback from all of the stakeholders. For example, by examining the extensive information feedback from clinicians drug pump manufacturer 18 can discover that the pump is operating longer than they had expected it to and thus allow for the extension of the pump's expected life. Another example is where drug pump manufacturer 18 examines the extensive feedback information and discovers that in particular pumps a certain gear is failing at a time earlier than expected. Since drug pump manufacturer 18 knows this information they can instantaneously target the specific clinicians and patients that really ought to be concerned about that particular pump.

With reference again to figure 9, a clinician 12 is able to directly communicate a prescription change to pharmacist 14 via connectivity system 9. Clinician 12 inputs the prescription change and when the database receives the prescription change pharmacist 14 is immediately notified of the prescription change.